AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A computer-implemented method for reconciling a first transaction in a first list with a combination of at least two transactions in a second list, each transaction having a value, the method comprising:

obtaining the first transaction;

obtaining the second list of transactions;

determining whether the value of the first transaction corresponds to a combination of the values of a subset of transactions in the second list; and

responsive to the value of the first transaction corresponding to the combination of values of the subset of transactions, indicating a match between the first transaction and the subset of transactions,

wherein determining whether the value of the first transaction corresponds to a combination of the values of a subset of transactions in the second list comprises performing a recursive submethod using a first input parameter including the value of the first transaction and a second input parameter including the subset of transactions in the second list, and

wherein performing the recursive submethod comprises:

responsive to one value of a transaction in the second input parameter equaling the first input parameter, returning a transaction list including the transaction having the one value,

responsive to no values of transactions in the second input parameter equaling the first input parameter and the second input parameter containing only one transaction, returning an indicator that no match was found, and

responsive to no values of transactions in the second input parameter equaling the first input parameter and the second input parameter containing more than one transaction, performing the recursive submethod using a modified first input parameter and a modified second input parameter, the modified second input parameter omitting a selected transaction and the modified first input parameter being obtained by subtracting the value of the selected transaction from the first input parameter.

2. (Currently Amended) The method of claim 1, wherein each transaction comprises one selected from [[the]] a group consisting of an investment transaction, a financial transaction, and an accounting transaction.

3. (Currently Amended) The method of claim 1, wherein determining whether the value of the first transaction corresponds to [[a]] the combination of the values of [[a]] the subset of transactions in the second list comprises determining whether the value of the first transaction corresponds to a sum of the values of [[a]] the subset of transactions in the second list.

4. (Original) The method of claim 1, wherein at least one of the steps of obtaining the first transaction and obtaining the second list comprises downloading transactions from a remote server.

5. (Original) The method of claim 1, wherein at least one of the steps of obtaining the first list and obtaining the second list comprises retrieving transactions from a storage device.

6. – 11. (Canceled)

12. (Currently Amended) The method of claim [[10]] 1, wherein performing the recursive submethod further comprises:

~~responsive to one of the values of a transaction in the second input parameter equaling the first parameter, returning a transaction list including the transaction having the equal value;~~

~~responsive to non of the values of transactions in the second input parameter equaling the first input parameter, and the second parameter containing only one transaction, returning an indicator that no match was found;~~

~~responsive to none of the values of transactions in the second input parameter equaling the first input parameter, and the second parameter containing more than one transaction, performing the steps of:~~

~~a) selecting a transaction in the second input parameter;~~

~~b) subtracting the value of the selected transaction from the first input parameter to obtain a modified first input parameter;~~

~~c) generating a modified set of transactions including all transactions in the second input parameter except the selected transaction;~~

~~d) performing the recursive submethod using a first input parameter including the modified first input parameter and a second input parameter including the modified set of transactions;~~

~~e)~~ responsive to the recursive submethod returning [[a]] the transaction list, adding the selected transaction to the returned transaction list to generate a modified transaction list, and returning the modified transaction list;

~~f)~~ responsive to the recursive submethod returning [[an]] the indicator that no match was found, performing the steps of:

responsive to any transactions remaining in the modified second input parameter, repeating the recursive submethod ~~steps a) through f)~~; and

responsive to no transactions remaining in the modified second input parameter, returning [[an]] the indicator that no match was found.

13. (Original) The method of claim 1, further comprising repeating the obtaining, determining, and indicating steps for a second transaction in the first list.

14. (Canceled)

15. (Currently Amended) A computer-implemented method for matching a first value with a combination of at least two values in a list of values, the method comprising:

obtaining the first value;

obtaining the ~~second~~ list of values;

performing a recursive submethod, using a first input parameter including the first value and a second input parameter including the ~~second~~ list of values, to determine whether the first value corresponds to a combination of values from the ~~second~~ list of values; and

responsive to the first value corresponding to the combination of values, indicating a match for the first values,

wherein performing the recursive submethod comprises:

responsive to one value in the second input parameter equaling the first input parameter, returning the list of values including the one value,

responsive to no values in the second input parameter equaling the first input parameter and the second input parameter containing only one value, returning an indicator that no match was found, and

responsive to no values in the second input parameter equaling the first input parameter and the second input parameter containing more than one value, performing the recursive submethod using a modified first input parameter and a modified second input parameter, the modified second

input parameter omitting a selected value and the modified first input parameter being obtained by subtracting the selected value from the first input parameter.

16. (Canceled)

17. (Currently Amended) The method of claim 15, ~~wherein the submethod is recursive, and~~ wherein performing the recursive submethod further comprises:

~~responsive to one of the values in the second input parameter equaling the first input parameter, returning a value list including the equal value;~~

~~responsive to none of the values in the second input parameter equaling the first input parameter, and the second parameter containing only one value, returning an indictor that no mater was found;~~

~~responsive to none of the values in the second input parameter equaling the first input parameter, and the second parameter containing more than one value, performing the steps of:~~

~~a) selecting a value in the second input parameter;~~

~~b) subtracting the selected value from the first input parameter to obtain a modified first input parameter;~~

~~c) generating a modified value list including all values in the second input parameter except the selected value;~~

~~d) performing the recursive submethod using a first input parameter including the modified first input parameter and a second input parameter including the modified value list;~~

~~e)~~ responsive to the recursive submethod returning ~~a value list~~ the list of values, adding the selected value to the returned list of values to generate a modified value list, and returning the modified value list; and

~~f)~~ responsive to the recursive submethod returning [[an]] the indicator that no match was found, performing the steps of:

responsive to any values remaining in the modified second input parameter, repeating the recursive submethod ~~steps a) through f)~~; and

responsive to no values remaining in the modified second input parameter, returning [[an]] the indicator that no match was found.

18. (Original) The method of claim 15, wherein each value is associated with a transaction.

19. (Currently Amended) The method of claim 15, wherein the submethod determines whether the first value corresponds to a combination of values from the ~~second~~ list of values.

20. (Canceled)

21. (Currently Amended) A computer program product comprising a computer-usable medium having computer-readable code embodied therein for reconciling a first transaction in a first list with a combination of at least two transactions in a second list, each transaction having a value, comprising:

computer-readable program code devices configured to cause a computer to obtain the first transaction;

computer-readable program code devices configured to cause a computer to obtain the second list of transactions;

computer-readable program code devices configured to cause a computer to determine whether ~~the~~ a value of the first transaction corresponds to a combination of ~~the~~ values of a subset of transactions in the second list; and

computer-readable program code devices configured to cause a computer to, responsive to the value of the first transaction corresponding to the

combination of values of the subset of transactions, indicate a match between the first transaction and the subset of transactions,

computer-readable program code devices configured to cause a computer to perform a recursive submethod using a first input parameter including the value of the first transaction and a second input parameter including the subset of transactions in the second list, comprising:

responsive to one value of a transaction in the second input parameter equaling the first input parameter, return a transaction list including the transaction having the one value,

responsive to no values of transactions in the second input parameter equaling the first input parameter and the second input parameter containing only one transaction, return an indicator that no match was found, and

responsive to no values of the transactions in the second input parameter equaling the first input parameter and the second input parameter containing more than one transaction, perform the recursive submethod using a modified first input parameter and a modified second input parameter, the modified second input parameter omitting a selected transaction and the modified first input parameter being obtained by subtracting the value of the selected transaction from the first input parameter.

22. (Currently Amended) The computer program product of claim 21, wherein each transaction comprises one selected from [[the]] a group consisting of an investment transaction, a financial transaction, and an accounting transaction.

23. (Canceled)

24. (Original) The computer program product of claim 21, wherein at least one of the computer-readable program code devices configured to cause a computer to obtain the first transaction and the computer-readable program code devices configured to cause a computer to obtain the second list of comprises computer-readable program code devices configured to cause a computer to download transactions from a remote server.

25. (Original) The computer program product of claim 21, wherein at least one of the computer-readable program code devices configured to cause a computer to obtain the first transaction and the computer-readable program code devices configured to cause a computer to obtain the second list comprises computer-readable program code devices configured to cause a computer to retrieve transactions from a storage device.

26. – 31. (Canceled)

32. (Currently Amended) The computer program product of claim [[30]] 21, wherein the computer-readable program code devices configured to cause a computer to perform the recursive submethod comprise computer-readable program code devices configured to cause a computer to:

~~responsive to one of the values of a transaction in the second input parameter equaling the first input parameter, return a transaction list including the transaction having the equal value;~~

~~responsive to none of the values of transactions in the second input parameter equaling the first input parameter, and the second parameter containing only one transaction, return an indicator that no match was found;~~

~~responsive to none of the values of transactions in the second input parameter equaling the first input parameter, and the second parameter containing more than one transaction, perform the steps of:~~

~~a) selecting a transaction in the second input parameter;~~

~~b) subtracting the value of the selected transaction from the first input parameter to obtain a modified first input parameter;~~

~~c) generating a modified set of transactions including all transactions in the second input parameter except the selected transaction;~~

~~d) performing the recursive submethod using a first input parameter and a second input parameter including the modified set of transactions;~~

~~e)~~ responsive to the recursive submethod returning [[a]] the transaction list, adding the selected transaction to the returned transaction list to generate a modified transaction list, and returning the modified transaction list; and

~~f)~~ responsive to the recursive submethod returning [[an]] the indictor that no match was found, performing the steps of:

responsive to any transactions remaining in the modified second input parameter, repeating the recursive submethod ~~steps a) through f)~~; and

responsive to no transactions remaining in the modified second input parameter, returning [[an]] the indicator that no match was found.

33. (Canceled)

34. (Currently Amended) A computer program product comprising a computer-usable medium having computer-readable code embodied therein for matching a first value with a combination of at least two values in a list of values, the computer program product comprising:

computer-readable program code devices configured to cause a computer to obtain the first value;

computer-readable program code devices configured to cause a computer to obtain the ~~second~~ list of values;

computer-readable program code devices configured to cause a computer to perform a recursive submethod, using a first input parameter including the first value and a second input parameter including the ~~second~~ list of values, to determine whether the first value corresponds to a combination of values from the ~~second~~ list of values; and

computer-readable program code devices configured to cause a computer to, responsive to the first value corresponding to the combination of values, indicate a match for the first value,

wherein the recursive submethod comprises:

responsive to one value in the second input parameter equaling the first input parameter, return the list of values including the one value,

responsive to none of the values in the second input parameter equaling the first input parameter and the second input parameter containing only one value, return an indicator that no match was found, and

responsive to none of the values in the second input parameter equaling the first input parameter and the second input parameter containing more than one value, perform the recursive submethod using a modified first input parameter and a modified second input parameter, the modified second input parameter omitting a selected value and the modified first input parameter being obtained by subtracting the selected value from the first input parameter.

35. (Canceled)

36. (Currently Amended) The computer program product of claim 34, ~~wherein the submethod is recursive, and~~ wherein the computer-readable program code devices

configured to cause a computer to perform the recursive submethod comprise computer-readable code devices configured to cause a computer to:

~~responsive to one of the values in the second input parameter equaling the first input parameter, return a value list including the equal value;~~

~~responsive to none of the values in the second input parameter equaling the first input parameter, and the second parameter containing only one value, return an indicator that no match was found;~~

~~responsive to none of the values in the second input parameter equaling the first input parameter, and the second parameter containing more than one value, perform the steps of:~~

~~a) selecting a value in the second input parameter;~~

~~b) subtracting the selected value from the first input parameter to obtain a modified first input parameter;~~

~~c) generating a modified value list including all values in the second input parameter except the selected value;~~

~~d) performing the recursive submethod using a first input parameter including the modified first input parameter and the second input parameter including the modified value list;~~

~~e)~~ responsive to the recursive submethod returning [[a]] the list of values ~~list~~, adding the selected value to the returned list of values to generate a modified value list, and returning the modified value list; and

~~f)~~ responsive to the recursive submethod returning [[an]] the indicator that no match was found, performing the steps of:

responsive to any values remaining in the modified second input parameter, repeating the recursive submethod ~~steps a) through f)~~; and

responsive to no values remaining in the modified second input parameter, returning [[an]] the indicator that no match was found.

37. (Original) The computer program product of claim 34, wherein each value is associated with a transaction.

38. (Canceled)

39. (Canceled)

40. (Currently Amended) A system for reconciling a first transaction in a first list with a combination of at least two transactions in a second list, each transaction having a value, the system comprising:

a first input device, for obtaining the first transaction;

a second input device, for obtaining the second list of transactions;

coupled to the first and second input devices, a memory for storing the first transaction and the second list;

coupled to the memory, a match determination module for determining whether the value of the first transaction corresponds to a combination of the values of a subset of transactions in the second list; and

coupled to the match determination module, a match indication module for, responsive to the value of the first transaction corresponding to the combination of values of the subset of transactions, indicating a match between the first transaction and the subset of transactions.

wherein the match determination module performs a recursive submethod using a first input parameter including the value of the first transaction and a second input parameter including the subset of transactions in the second list, and

wherein the recursive submethod comprises:

responsive to one value of a transaction in the second input parameter equaling the first input parameter, returning a transaction list including the transaction having the one value,

responsive to no values of transactions in the second input parameter equaling the first input parameter and the second input parameter containing only one transaction, returning an indicator that no match was found, and

responsive to no values of transactions in the second input parameter equaling the first input parameter and the second input parameter containing more than one transaction, performing the recursive submethod using a modified first input parameter and a modified second input parameter, the modified second input parameter omitting a selected transaction and the modified first input parameter being obtained by subtracting the value of the selected transaction from the first input parameter.

41. (Currently Amended) The system of claim 40, wherein each transaction comprises one selected from [[the]] a group consisting of an investment transaction, a personal financial transaction, and an accounting transaction.

42. (Currently Amended) The system of claim 40, wherein the match determination module determines whether the value of the first transaction corresponds to the sum of the values of [[a]] the subset of transactions in the second list.

43. - 47. (Canceled)

48. (Currently Amended) The system of claim 46, wherein the recursive submethod further comprises: ~~responsive to one of the values of a transaction in the second input parameter equaling the first input parameter, returning a transaction list including the transaction having the equal value; responsive to none of the values of transactions in the second input parameter equaling the first input parameter, and the second parameter containing only one transaction, returning an indicator that no match was found; responsive to none of the values of transactions in the second input parameter equaling the first input parameter, and the second parameter containing more than one transaction, performing the steps of:~~

~~a) selecting a transaction in the second input parameter;~~

~~b) subtracting the value of the selected transaction from the first input parameter to obtain a modified first input parameter;~~

~~c) generating a modified set of transactions including all transactions in the second input parameter except the selected transaction;~~

~~d) performing the recursive submethod using a first input parameter including the modified first input parameter and a second input parameter including the modified set of transactions;~~

~~e)~~ responsive to the recursive submethod returning [[a]] the transaction list, adding the selected transaction to the returned transaction list to generate a modified transaction list, and returning the modified transaction list; and

~~f)~~ responsive to the recursive submethod returning [[an]] the indicator that no match was found, performing the steps of:

responsive to any transactions remaining in the modified second input parameter, repeating the recursive submethod ~~steps a) through f)~~; and

responsive to no transactions remaining in the modified second input parameter, returning [[an]] the indictor that no match was found.

49. (Canceled)

50. (Currently Amended) A system for matching a first value with a combination of at least two values in a list of values, the system comprising;

a first input device, for obtaining the first value;

a second input device, for obtaining the ~~second~~ list of values;

coupled to the first input device[[s]] and the second input device, a memory for storing the first value and the ~~second~~ list of values;

coupled to the memory, a recursive function module, for performing a recursive function, using a first input parameter including the first value and a second input parameter including the ~~second~~ list of values, to determine whether the first value corresponds to a combination of values from the second list; and

coupled to the recursive function module, a match indicator for, responsive to the first value corresponding to the combination of values, indicating a match for the first value,

wherein the recursive function module:

responsive to one value of a transaction in the second input parameter equaling the first input parameter, returns a transaction list including the transaction having the one value,

responsive to no values of transactions in the second input parameter equaling the first input parameter and the second input parameter containing only one transaction, returns an indicator that no match was found, and

responsive to no values of transactions in the second input parameter equaling the first input parameter and the second input parameter containing

more than one transaction, performs the recursive submethod using a modified first input parameter and a modified second input parameter, the modified second input parameter omitting a selected value and the modified first input parameter being obtained by subtracting the selected value from the first input parameter.

51. (Canceled)

52. (Currently Amended) The system of claim 50, wherein the recursive function module: ~~responsive to one of the values in the second input parameter equaling the first input parameter, returns a value list including the equal value; responsive to none of the values in the second input parameter equaling the first input parameter, and the second parameter containing only one value, returns an indicter that no match was found; responsive to none of the values in the second input parameter equaling the first input parameter, and the second parameter containing more than one value, performs the steps of~~

~~a) selecting a value in the second input parameter;~~

~~b) subtracting the selected value from the first input parameter to obtain a modified first input parameter;~~

~~c) generating a modified value list including all values in the second input parameter except the selected value;~~

~~d) performing the recursive submethod using a first input parameter including the modified first input parameter and a second input parameter including the modified value list;~~

~~e)~~ responsive to the recursive submethod returning [[a]] the transaction ~~value~~ list, adding the selected value to the returned transaction list to generate a modified transaction ~~value~~ list, and returning the modified transaction ~~value~~ list; and

~~f)~~ responsive to the recursive submethod returning [[an]] the indicator that no match was found, performing the steps of:

responsive to any values remaining in the modified second input parameter, repeating the recursive submethod ~~steps a) through f)~~; and

responsive to no values remaining in the modified second input parameter, returning [[an]] the indicator that no match was found.

53. (Original) The system of claim 50, wherein each value is associated with a transaction.

54. (Canceled)